

PRODUCT SPECIFICATION

Information correct as at 05 February 2024

Description

Product Name	Windsor
Product Code	A2407A
Quality	BestCLAY FACING BRICK
Manufacturing Unit	Dorket Head Factory
Type	Wirecut Extruded
Configuration	Vertically Perforated
Voids	22-27 %

Specification

(In accordance with BS EN771-1:2011/A1:2015)

Masonry Unit Group	HD units Group 1 Structural
Category	BS EN771-1:2011/A1:2015 Cat I
Dimensions	215x102x65 mm
Tolerance - Mean	T2 +/-L4W3H2
Tolerance - Range	R1 L9W6H5
Bed Surface Mean Compressive Strength	>=40.0 N / mm ²

Additional Data

Gross Density	1390 kg / m ³
Nett Density	1890 kg / m ³
Density Tolerance	D1
Durability	F2 Severe Exposure
Active Soluble Salts	S2
Water Absorption	<=16 % by weight ²
Initial rate of water absorption - Section Rate	0.5 kg / m / min
Fire Reaction	Euroclass A1
Water Vapour Diffusion Coefficient (Water Vapour Permeability)	50/100 mu
Bond Strength - Fixed Value Stated as Initial Shear Strength	0.15 N/mm ²

Test results derived under BS EN 771-1 must be used in conjunction with BS EN1996, PD6697

Thermal Properties

(Tabulated - CIBSE Guide A 1999/BSEN 1745)

Thermal Conductivity 'K' (at 5% moisture content - exposed)	0.91 W / m K
Thermal Resistance 'R' (at 5% moisture content - exposed)	0.11 m ² K/W

Handling Information

Dry Weight per brick	1.9 kg
Average weight of brickwork (1/2 brick wall including mortar joints)	180.0 kg / m ²
Coverage	Approximately 60.0 bricks per m ²
Quantity per pack	475
Pack Size (WxDxH)	720x1090x930 mm
Weight per pack (dry)	903 kg approximately

Application

Suitability	To be used in accordance with BS EN1996, PD6697 and our own recommendations
Mortar Joint Profile	From a durability point of view, this product is suitable for all common joint profiles
Movement Joints	Movement joints should be incorporated in accordance with BS EN1996, PD6697 and our own recommendations

Special Shapes

Special shapes are only available by the cut and bonding method

Quality Assurance

Frost Resistance	This product is guaranteed for 60 years in buildings or 20 years in boundary walls. Excludes paving, steps & ramps. All applications should be designed and constructed in accordance with the guidance contained within BS EN1996, PD6697 and with our own recommendations.
	Failure to comply will invalidate all warranties implied.

Workmanship

Colour	Mixing from a minimum of three packs on site will ensure a balanced blend of all the colours formed in the manufacturing process
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